AB312-3405A Air Baffle Installation Guide

For HP AM225A, AM232A, and AM233A cards in HP Integrity rx7640 and rx8640 servers

Abstract

This document provides information on installing the AB312-3405A air baffle, which improves cooling for HP AM225A, AM232A, and AM233A cards that are installed in HP Integrity rx7640 and rx8640 servers.

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Publishing History

This is the first edition of this document.

Overview

An HP AB312-3405A air baffle is provided to improve air flow over HP AM225A, AM232A, and AM233A cards that are installed in HP Integrity rx7640 and rx8640 servers.

Installing the air baffle

To install the air baffle, follow these steps:

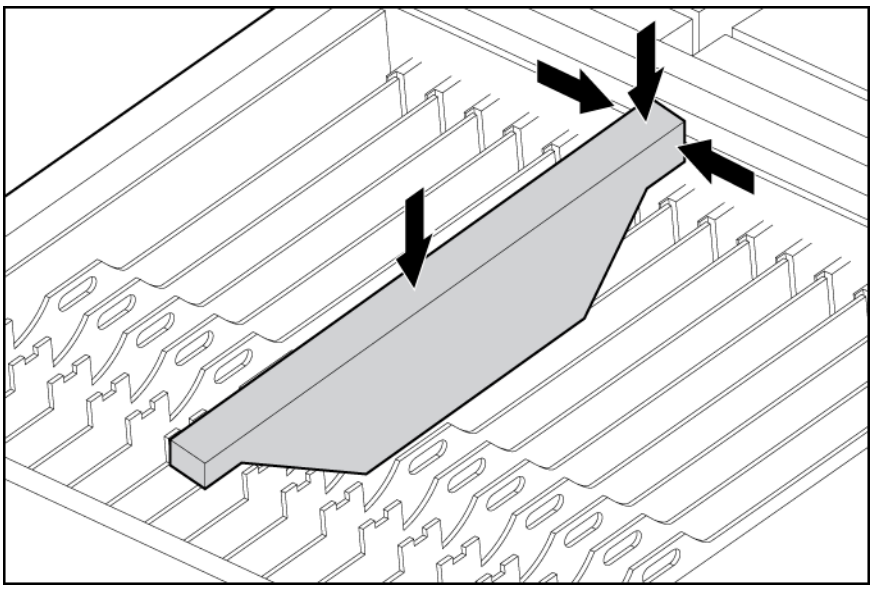
1. Install the card into the server and close the blue locker.
2. Determine the correct orientation of the air baffle. The thicker end tab must be installed between the PCI bay's blue lockers; the thinner end tab must be installed facing the fan bay.

Figure 1

1 Thicker end tab. 2 Thinner end tab.

3. Insert the air baffle between the PCI bay walls, and push the thinner end tab of the air baffle against the slot number on the edge of the fan bay.

Figure 2

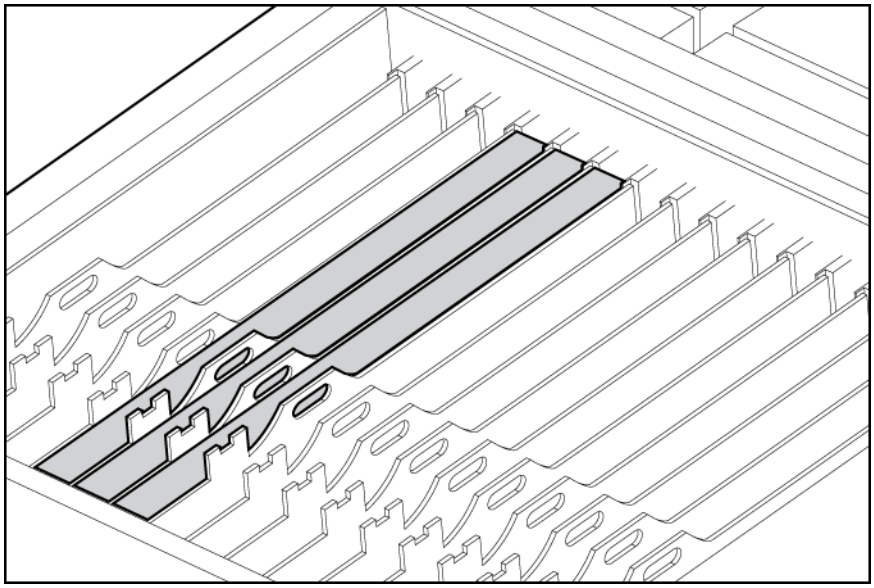


4. Compress the thicker end tab and slide it between the blue lockers; then push the baffle slowly down and into place, using very light pressure.

△ **CAUTION:** Do not force the baffle into place; this might damage the card. If you encounter resistance, remove the baffle and repeat steps 3 and 4.

The baffle should rest lightly above the card. The top of the air baffle should be flush with the top of the blue lockers.

Figure 3



Removing the air baffle

IMPORTANT: The air baffle must be installed to ensure proper air flow over the card. Only remove it in order to service or replace the card.

To remove the baffle, gently pull it up from the slot's blue locker; then remove it from the slot.

Be sure to re-install the air baffle after servicing is completed.